



CHARLESWATER WORKING SURFACE MAT SELECTION CHART

All the mats listed meet the EN 61340-5-1 working surface limit tested per IEC 61340-2-3, and all dissipative mats meet the EN 61340-5-1 table 3 note 6 recommendation for resistance lower limit.

	Item Description	Material Construction	Resistance Classification (Rp-p in ohms)	Surface	Best Application	Special Features	
Rubber	<u>Statfree T2™</u>	Two-layer rubber 1.5 mm thick	Colour Side 1×10^6 to $< 1 \times 10^9$ Black Side $< 1 \times 10^5$	Light Emboss	Chemical and hot solder are used	Highly durable, heat/chemical and abrasion resistant	Compatible with Continuous Monitors
	<u>Statfree DLR™</u>	Two-layer rubber 2 mm thick	Colour Side 1×10^6 to $< 1 \times 10^9$ Black Side $< 1 \times 10^6$		Chemical and hot solder are used	Solder iron resistant and withstands most chemicals and easy to clean	Compatible with Continuous Monitors
	<u>Statfree UC2™</u>	Two-layer rubber 2 mm thick	Colour Side 1×10^6 to $< 1 \times 10^9$ Black Side $< 1 \times 10^4$		Clean Room; cushioning for products sensitive to shock	Durable heat and chemical resistant worksurface; cushioned bottom layer provides energy absorption; designed for cleanroom	Compatible with Continuous Monitors
Vinyl	<u>Statfree Z2™</u> <u>3 Layer</u>	Three-layer conductive vinyl 3.2 mm thick	Colour Side 1×10^6 to $< 1 \times 10^8$	Light Emboss	Where vinyl durability is OK, compatible with continuous monitors	Conductive inner layer provides fast, reliable path to ground while reducing alternative, unintended paths to ground	Compatible with Continuous Monitors
	<u>Statfree O™</u> <u>3 Layer</u>	Three-layer vinyl 9.5 mm thick	Colour Side 1×10^6 to $< 1 \times 10^9$	Smooth	Ideal for energy absorption for disk drives	Extra thick sponge bottom, ideal for sensitive drives that require impact resistance	Compatible with Continuous Monitors
	<u>Statfree B2™</u> <u>2 Layer</u>	Two-layer vinyl 1.5 mm thick	Colour Side 1×10^6 to $< 1 \times 10^9$ Black Side $< 1 \times 10^6$	Light Emboss	Compatible with continuous monitors		Compatible with Continuous Monitors
Laminate	<u>Micastat®</u>	High pressure laminate 0.97 mm thick	Colour Side $< 1 \times 10^9$	non-glare Matte Finish	Laminate, where chemical and hot solder are used	Superior heat, chemical, and abrasion resistant	Compatible with Continuous Monitors

All Statfree mats are **Lead-free RoHS 2 and REACH compliant**

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